

#4

Docket No.: 1377-0197PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Patrick M. VAUGHAN et al.

Application No.: 10/519,153

Confirmation No.: 5393

Filed: December 27, 2004

Art Unit: 1645

For: METHOD FOR THE CHARACTERISATION  
OF NUCLEIC ACID MOLECULES

Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements dated July 21, 2005, Applicant respectfully submits:

- ☒ Attached is a copy of the Notification of Missing Requirements (371 Formalities Letter).
- ☒ Attached is the Executed Declaration and Power of Attorney ☒ Original ☐ Photocopy.
- ☐ The specification attached to the executed Declaration and Power of Attorney is a true copy of the specification that was filed in the U.S. Patent and Trademark Office on December 27, 2004, including any amendments thereto (if applicable) filed on even date therewith.

☒ The undersigned hereby declares that "Attorney Docket No. 1377-0197PUS1" on page 1 of the attached Inventors' Declaration corresponds to Appl. No.10/519,153 filed December 27, 2004 entitled "METHOD FOR THE CHARACTERISATION OF NUCLEIC ACID MOLECULES."

☐ Attached is an English language translation of the above-identified application that was filed in a foreign language, which should be used as the copy for examination purposes.

See the attached Translator's Verification; or

The undersigned states that the English translation attached hereto is a true and correct translation of the application as originally filed in a foreign language.

☐ Attached are @@@ sheet(s) of drawings. Please substitute these replacement drawings for the corresponding @@@ sheet(s) of drawings on file in the above-identified application.

☐ Attached are substitute claims commencing on a separate sheet in accordance with 37 C.F.R. § 1.75(h).

☐ Attached is a substitute abstract commencing on a separate sheet in accordance with 37 C.F.R. § 1.72(b).

☐ Attached is a substitute specification that complies with 37 C.F.R. § 1.52. The substitute specification does not contain new matter.

☐ Attached is a preliminary amendment.

☐ Applicant claims small entity status under 37 C.F.R. § 1.27.

☒ Submitted concurrently herewith under separate cover for recording is an Assignment.

Application No.: 10/519,153

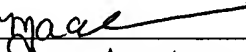
Docket No.: 1377-0197PUS1

- ☐ Attached is a Petition for Extension of Time.
- ☐ Attached hereto is the fee transmittal listing the required fees.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: **SEP 21 2005**

Respectfully submitted,

By   
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Attachment(s)



## UNITED STATES PATENT AND TRADEMARK OFFICE

MAA

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/519,153	Patrick Martin Vaughan	1377-0197PUS1

INTERNATIONAL APPLICATION NO.
PCT/IE03/00098

02292  
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IA. FILING DATE	PRIORITY DATE
06/25/2003	06/28/2002

DOCKETED  
 9/21/05

CONFIRMATION NO. 5393  
 371 FORMALITIES LETTER



Date Mailed: 07/21/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/27/2004
- Copy of the International Search Report filed on 12/27/2004
- Information Disclosure Statements filed on 12/27/2004
- U.S. Basic National Fees filed on 12/27/2004
- Priority Documents filed on 12/27/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

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PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/519,153	PCT/IE03/00098	1377-0197PUS1

FORM PCT/DO/EO/905 (371 Formalities Notice)